

APPLIED MATHEMATICS AND COMPUTATION

VOLUME 90

TAKEHIRO INOHARA, SHINGO TAKAHASHI, AND BUNPEI NAKANO On Conditions for a Meeting Not to Reach a Deadlock	1
TAKEHIRO INOHARA, SHINGO TAKAHASHI, AND BUNPEI NAKANO Complete Stability and Inside Commonality of Perceptions	11
BEHNAM MALAKOOTI AND YINGQING ZHOU Approximating Polynomial Functions by Feedforward Artificial Neural Networks: Capacity Analysis and Design	27
LING SHEN AND FERENC SZIDAROVSKY A Globally Convergent Algorithm for Solving Special Utilization Equations	53
MAGNUS EGERSTEDT AND CLYDE MARTIN A Control Theoretic Model of the Combined Planar Motion of the Human Head and Eye	61
C. Y. CHAN AND S. I. YUEN Impulsive Effects on Global Existence of Solutions for Degenerate Semilinear Parabolic Equations	97
FERENC SZIDAROVSKY Bargaining with Offer Dependent Break-Down Probabilities	117
SUSANA SALINAS DE ROMERO AND H. M. SRIVASTAVA Some Applications of Fractional Calculus Involving Summation of Infinite Series	129
SHAIR AHMAD AND M. RAMA MOHANA RAO Stability of Volterra Diffusion Equations with Time Delays	143
SHAIR AHMAD AND FRANCISCO MONTES DE OCA Extinction in Nonautonomous T -Periodic Competitive Lotka-Volterra System	155

(Continued)

K. M. MUELLER, S. A. BURNS, AND M. A. SAVAGEAU	
A Comparison of the Monomial Method and the S-System	
Method for Solving Systems of Algebraic Equations	167
LUTHER W. WHITE AND MUSHARRAF ZAMAN	
A Simple Model for Fluid Accumulation and Flow	
in a Porous Medium	181
CÉCILE BÉCARIE	
Intrinsically Parallel Solution of Systems of Linear	
Partial Differential Equations	205
JUN ZHANG	
Residual Scaling Techniques in Multigrid,	
II: Practical Applications	229
TAO LIN	
A C^0 Finite Element Method for an Inverse Problem	253
VOLUME CONTENTS	

